

1 / 12

Name	Retention time (min)	Area	% Area
<u>Peak 1</u>	28.300	72387414	99.04
<i>Peak 2</i>	45.267	700356	0.96

LFB1 monoclonal antibody is composed of 99% of monomers (Peak 1).

FIGURE 1

2 / 12

Structure (%)	HPCE-LF	Structure (%)	HPCE-LF	Structure (%)	HPCE-LF	Structure (%)	HPCE-LF
Unsubstituted	0.00	Unsubstituted	0.00	Unsubstituted	0.00	Unsubstituted	0.00
Monosubstituted	0.00	Monosubstituted	0.00	Monosubstituted	0.00	Monosubstituted	0.00
Bisubstituted	0.00	Bisubstituted	0.00	Bisubstituted	0.00	Bisubstituted	0.00
Trisubstituted	ND	Trisubstituted	ND	Trisubstituted	ND	Trisubstituted	ND
Bisecting	0.00	Bisecting	0.00	Bisecting	0.00	Bisecting	0.00
Fucosylated	34.95	Fucosylated	91.39	Fucosylated	0.00	Fucosylated	0.00
M3N2	0.00	M3N2	0.00	M3N2	0.00	M3N2	0.00
M3N2F	0.00	M3N2F	0.00	M3N2F	0.00	M3N2F	0.00
G2FB	0.00	G2FB	0.00	G2FB	0.00	G2FB	0.00
G2F	6.63	G2F	19.04	G2F	0.00	G2F	0.00
G2B	0.00	G2B	0.00	G2B	0.00	G2B	0.00
G2	8.43	G2	0.00	G2	0.00	G2	0.00
G1FB	0.00	G1FB	0.00	G1FB	0.00	G1FB	0.00
G1F	21.37	G1F	47.14	G1F	0.00	G1F	0.00
G1L2FB	0.00	G1L2FB	0.00	G1L2FB	0.00	G1L2FB	0.00
G1L2FB	0.00	G1L2FB	0.00	G1L2FB	0.00	G1L2FB	0.00
G1L2F	3.67	G1L2F	11.68	G1L2F	0.00	G1L2F	0.00
G1L2F	17.70	G1L2F	35.45	G1L2F	0.00	G1L2F	0.00
G1B	0.00	G1B	0.00	G1B	0.00	G1B	0.00
G1	32.93	G1	4.86	G1	0.00	G1	0.00
G1L2B	0.00	G1L2B	0.00	G1L2B	0.00	G1L2B	0.00
G1L2B	0.00	G1L2B	0.00	G1L2B	0.00	G1L2B	0.00
G1L2	8.29	G1L2	4.86	G1L2	0.00	G1L2	0.00
G1L2	24.54	G1L2	0.00	G1L2	0.00	G1L2	0.00
G0FB	0.00	G0FB	34.21	G0FB	0.00	G0FB	0.00
G0F	6.95	G0F	0.00	G0F	0.00	G0F	0.00
G0B	0.00	G0B	4.51	G0B	0.00	G0B	0.00
G0	26.93	G0	0.00	G0	0.00	G0	0.00
MAN-5	0.00	MAN-5	0.00	MAN-5	0.00	MAN-5	0.00

ND : Not done

Different forms of glycans

G0 : agalactosylated
 G1 : monogalactosylated
 G2 : bigalactosylated
 F : Fucosylated
 B : bisecting GlNAc
 M3N2 : 3 Man 2 GlNAc

FIGURE 2

3 / 12

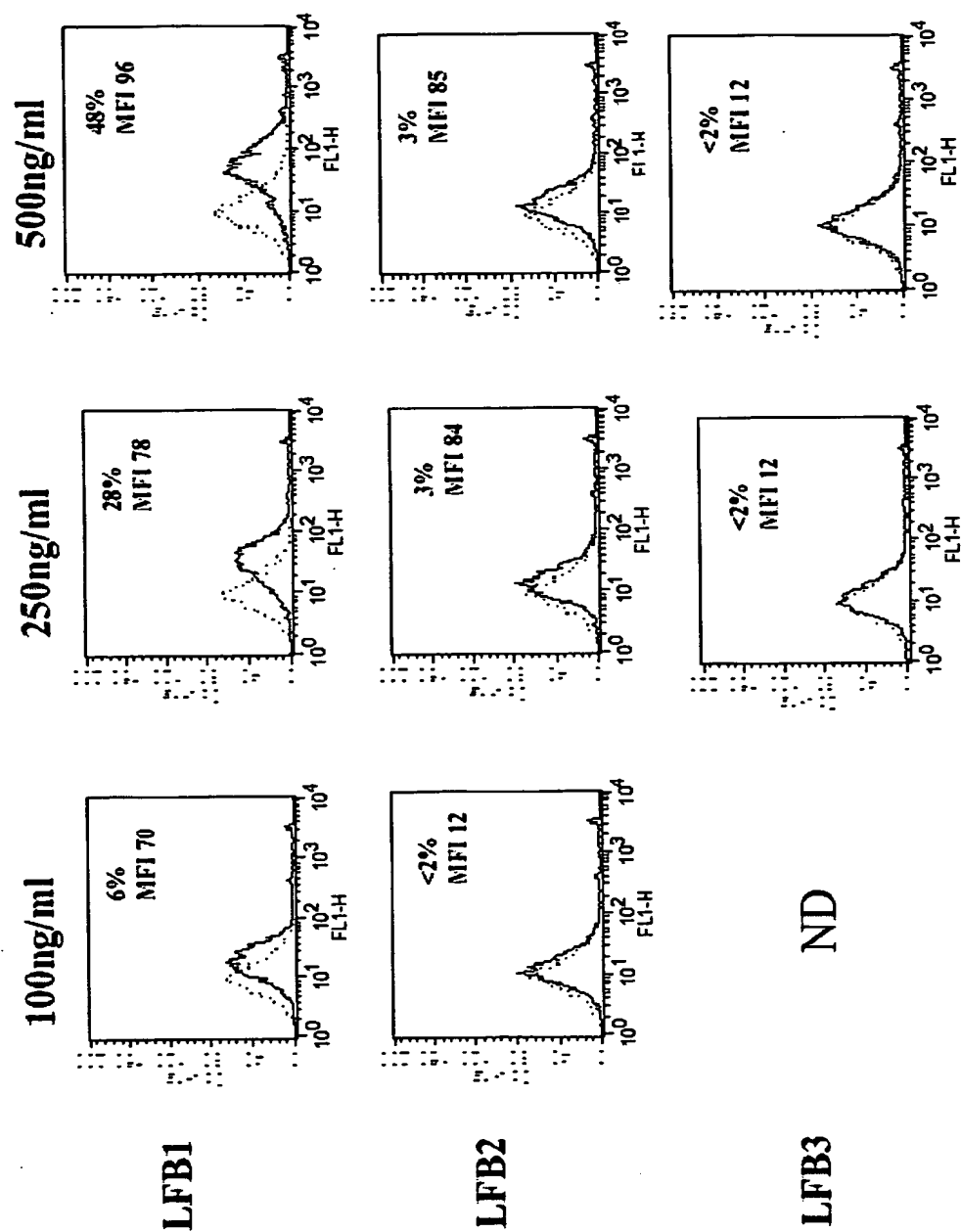


FIGURE 3

4 / 12

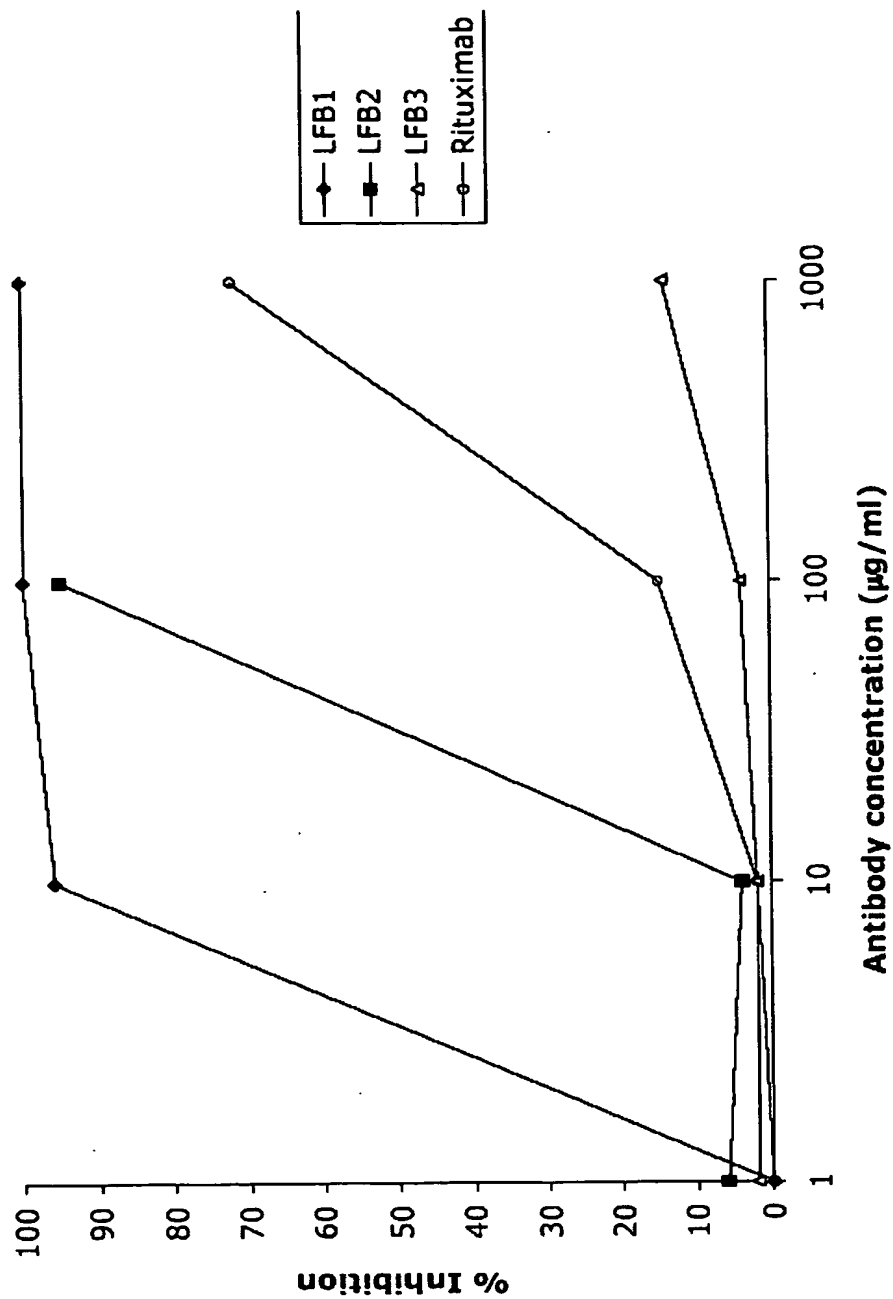


FIGURE 4

5 / 12

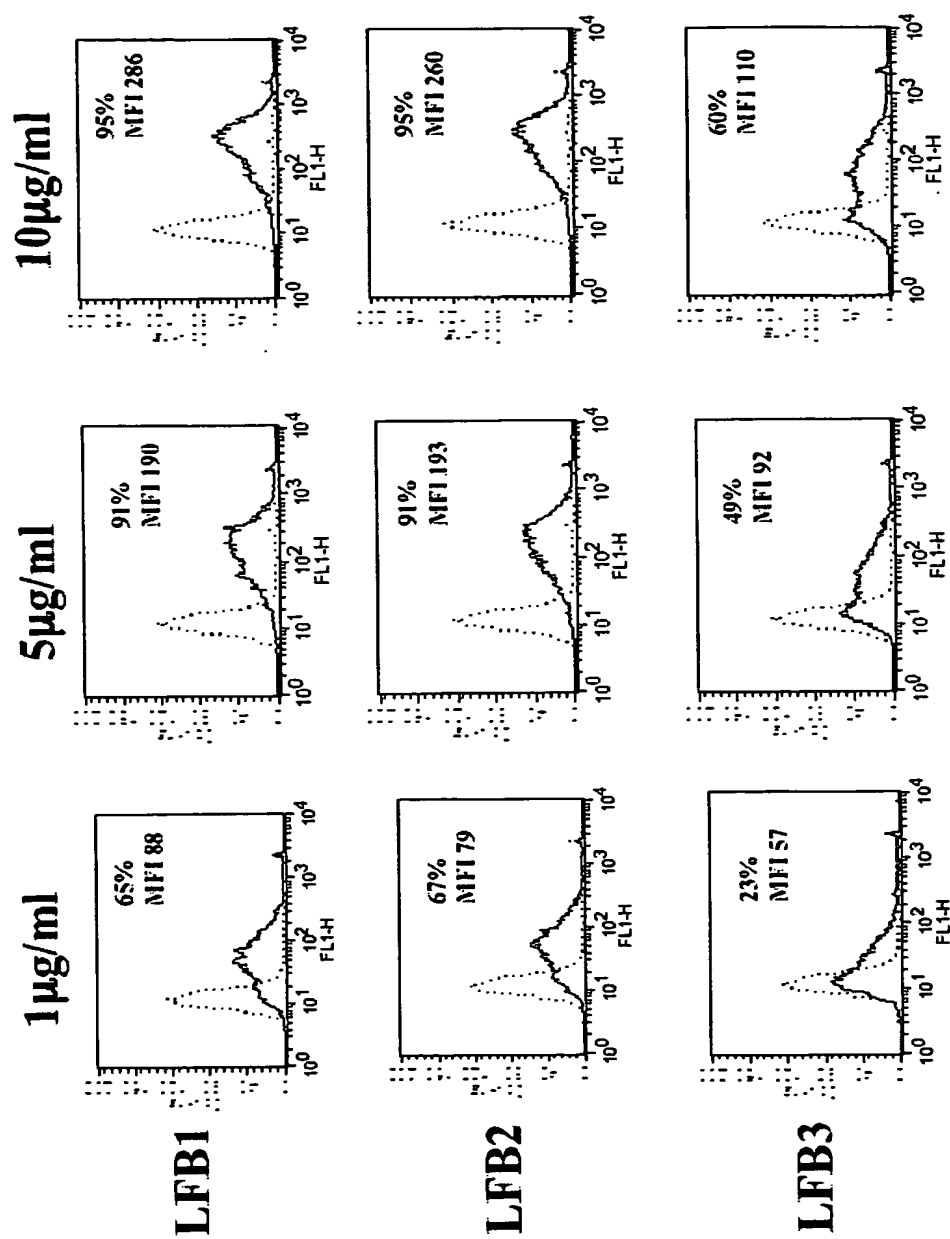


FIGURE 5

6 / 12

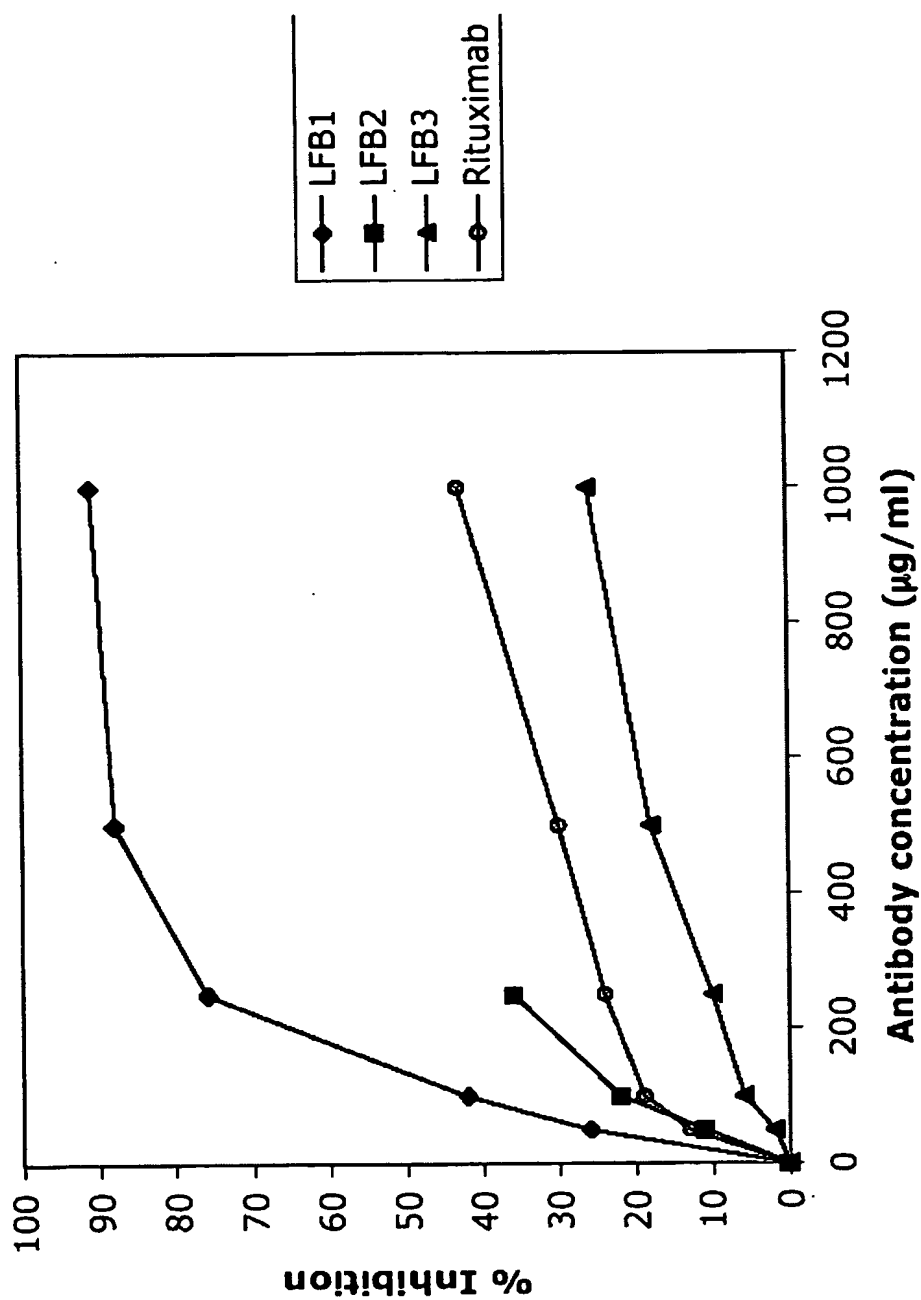


FIGURE 6

7 / 12

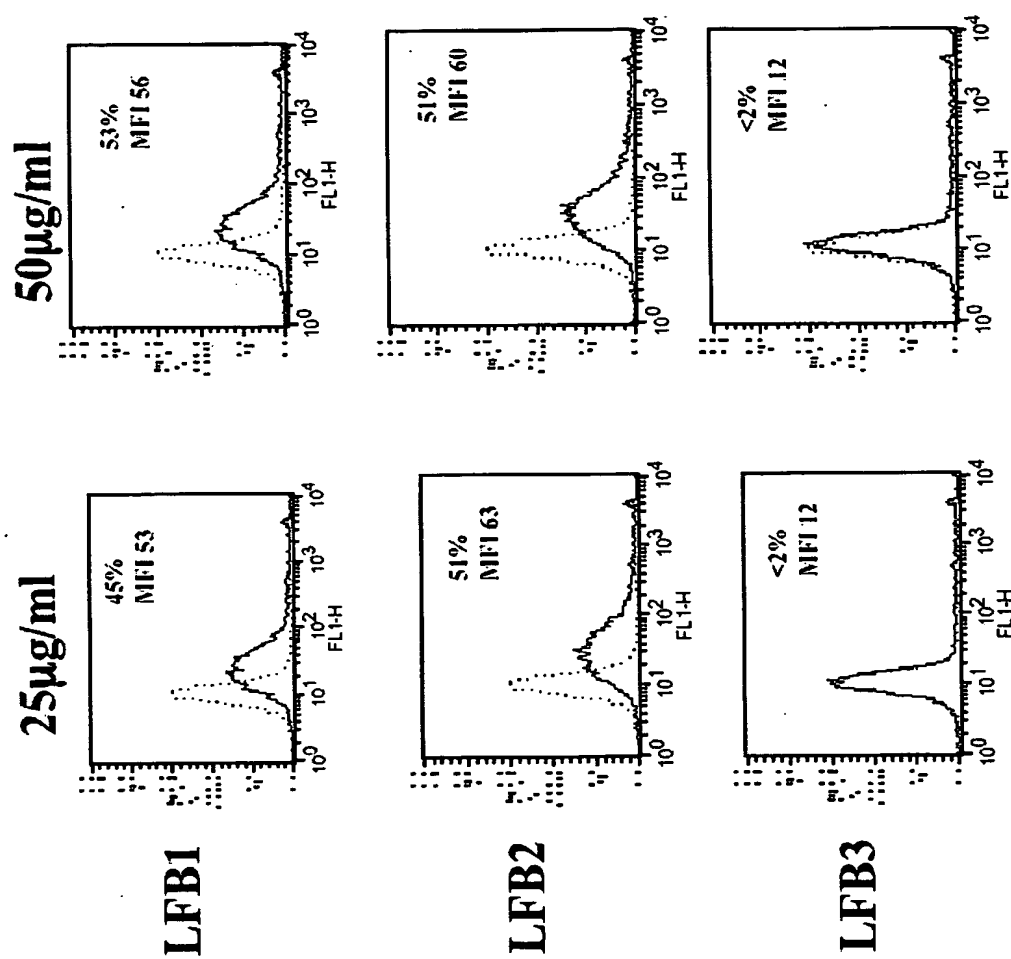


FIGURE 7

8 / 12

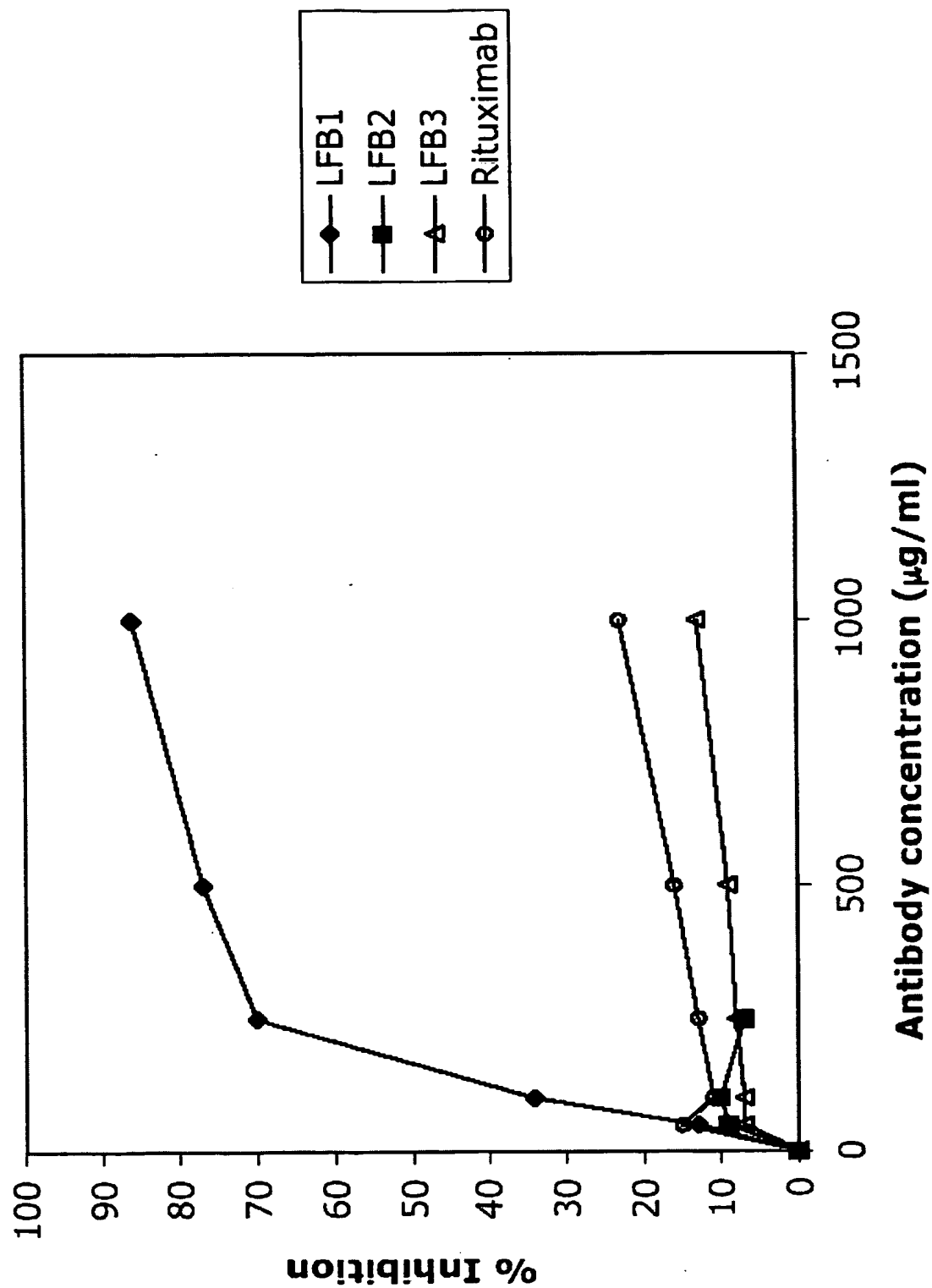


FIGURE 8

9 / 12

Antibody	Glycosylation (%)			RFcγIIIA			RFcγIIA			RFcγIIB		
	Fucose	Galactose	Sialylation	Concentration for inhibition (μM) :			Concentration for inhibition (μM) :			Concentration for inhibition (μM) :		
				10%	30%	50%	10%	30%	50%	10%	30%	50%
Class I												
LFB1	34,95	69,36	0	6×10^{-3}	0,01	0,02	0,1	0,4	0,85	0,3	0,6	1
Class II												
LFB2	91,39	62,04	0	0,09	0,1	0,2	0,2	1,2	NC (>2μM)	0,6	NC (>2μM)	NC (>2μM)
Rhizomab	ND	ND	ND	0,2	1	2	0,2	3,3	NC (>8μM)	0,6	NC (>8μM)	NC (>8μM)
Class III												
LFB3	88,16	92,52	46,99	2	NC (>8μM)	NC (>8μM)	1,7	NC (>8μM)	NC (>8μM)	4	NC (>8μM)	NC (>8μM)

ND : Not Done ; NC : Not Calculable (Concentration is not calculable as the indicated percent of inhibition is not found at the highest tested concentration)

FIGURE 9

10 / 12

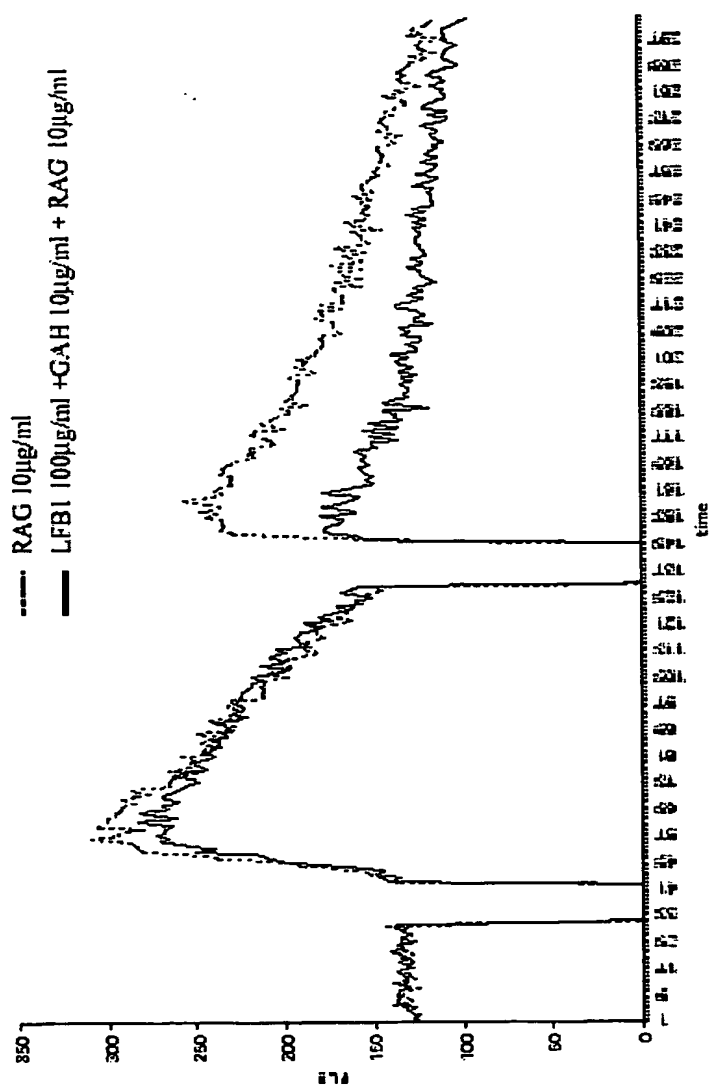


FIGURE 10

11 / 12

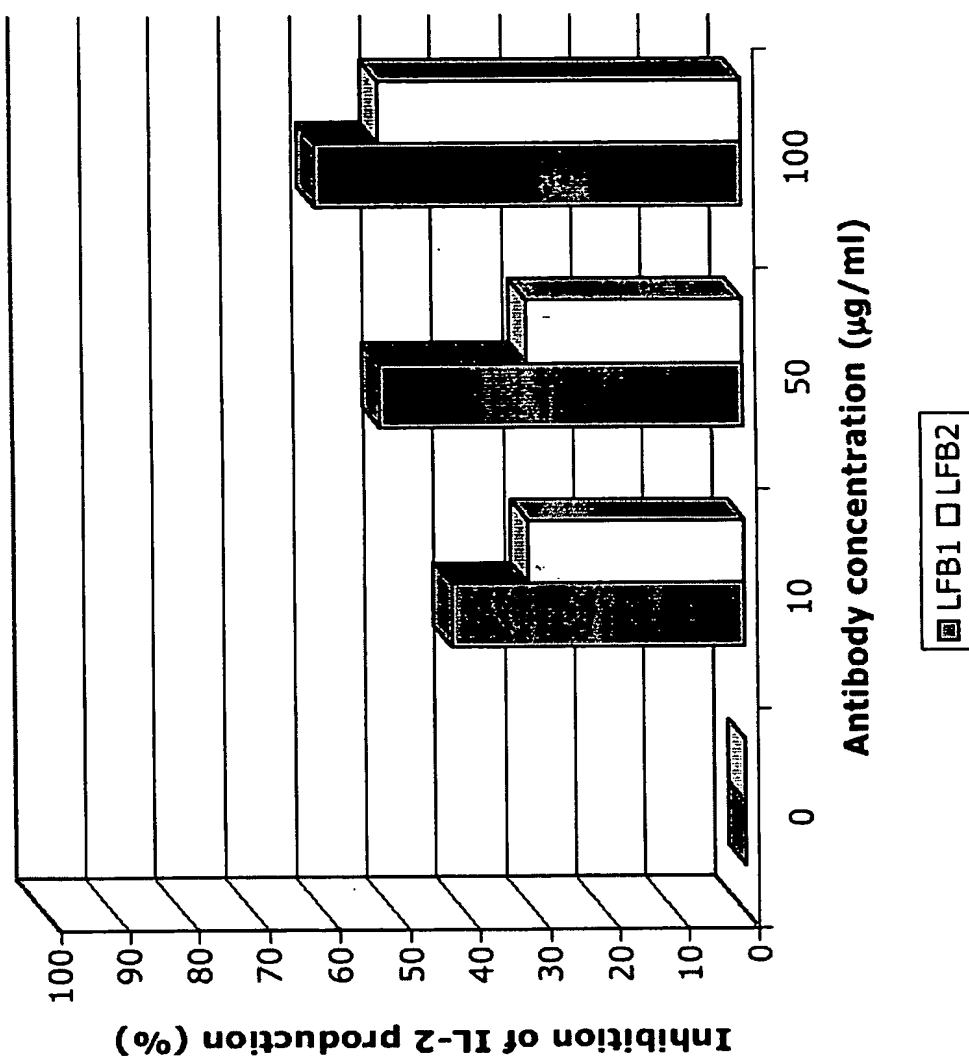


FIGURE 11

12 / 12

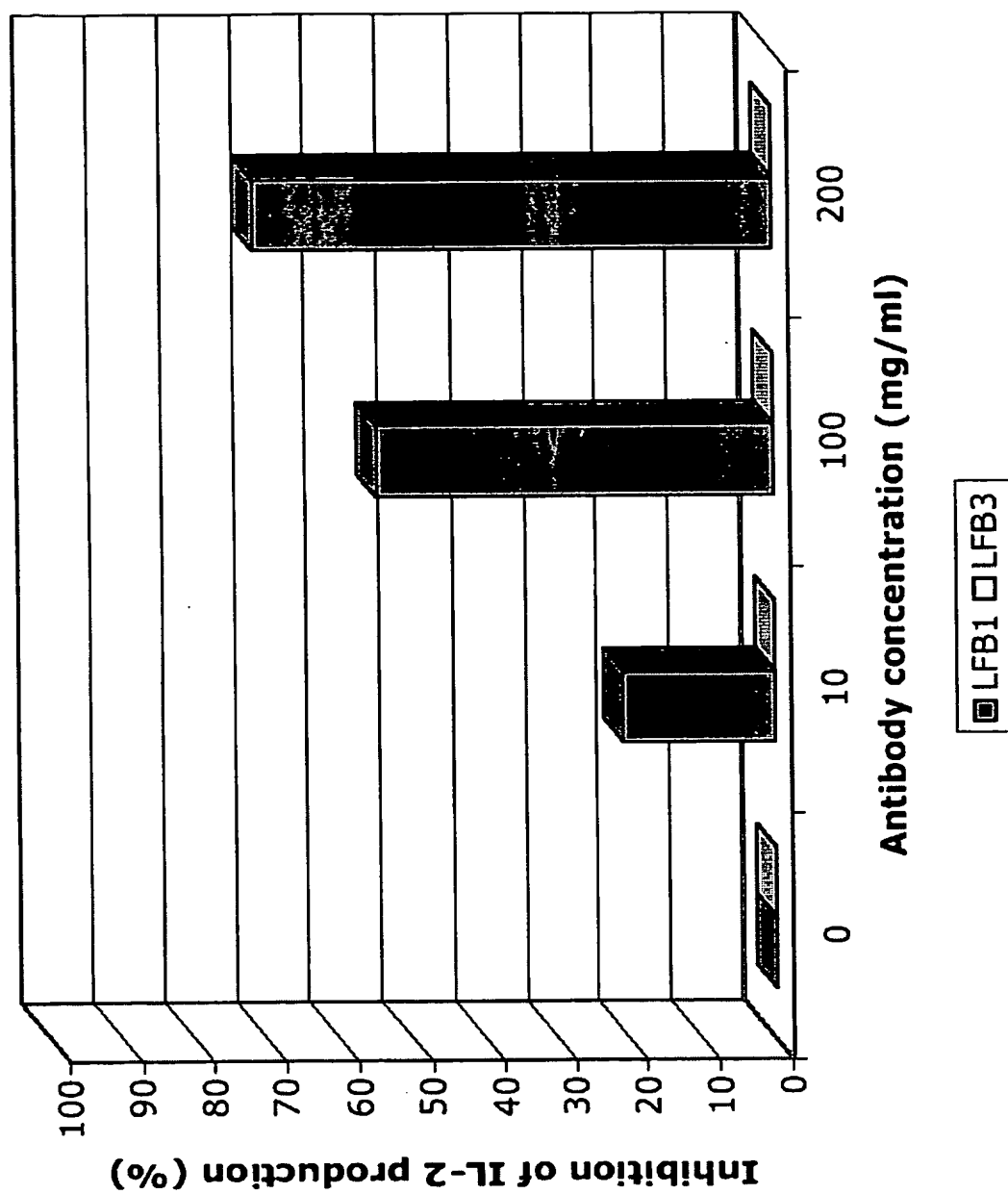


FIGURE 12